

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	186	((robert near1 loce) (jon near1 mcelvain)). in.	US-PGPUB; USPAT	OR	ON	2007/09/13 12:36
L2	593	(358/2.1).CCLS.	US-PGPUB; USPAT	OR	OFF	2007/09/13 12:18
L3	1	("20040257620").PN.	US-PGPUB; USPAT	OR	OFF	2007/09/13 12:18
L4	5	((("6020979") or ("6137918") or ("6144461") or ("6167166") or ("6243499")).PN.	US-PGPUB; USPAT	OR	OFF	2007/09/13 12:18
L5	1	(anti\$1alias\$4) with (logical adj1 filter\$3) with (averag\$3 adj1 filter\$3)	US-PGPUB; USPAT	OR	ON	2007/09/13 12:37
L6	1	(anti\$1alias\$4) same (logical adj1 filter\$3) same(averag\$3 adj1 filter\$3)	US-PGPUB; USPAT	OR	ON	2007/09/13 12:18
L7	1	(anti\$1alias\$4) with (logic\$3 adj1 filter\$3) with (averag\$3 adj1 filter\$3)	US-PGPUB; USPAT	OR	ON	2007/09/13 12:18
L8	1	(anti\$1alias\$4) same (logic\$3 adj1 filter\$3) same (averag\$3 adj1 filter\$3)	US-PGPUB; USPAT	OR	ON	2007/09/13 12:18
L9	4	(anti\$1alias\$4) and (logic\$3 adj1 filter\$3) and (averag\$3 adj1 filter\$3)	US-PGPUB; USPAT	OR	ON	2007/09/13 12:18
L10	5367	differ\$6 with background with (object foreground content)	US-PGPUB; USPAT	OR	ON	2007/09/13 12:18
L11	9899	anti\$1alias\$4	US-PGPUB; USPAT	OR	ON	2007/09/13 12:44
L12	16	L11 with L10	US-PGPUB; USPAT	OR	ON	2007/09/13 12:18
L13	10	(US-20040257620-\$ or US-20020110274-\$).did. or (US-5737455-\$ or US-5185852-\$ or US-6608942-\$ or US-6144461-\$ or US-6020979-\$ or US-6243499-\$ or US-6167166-\$ or US-6137918-\$).did.	US-PGPUB; USPAT	OR	ON	2007/09/13 12:18
L14	0	L13 and ((max\$5 min\$5 medium) near2 (fiter\$3))	US-PGPUB; USPAT	OR	ON	2007/09/13 12:18
L15	1	("6356654").PN.	US-PGPUB; USPAT	OR	OFF	2007/09/13 12:18
L16	1	L4 and (super\$1resolution)	US-PGPUB; USPAT	OR	ON	2007/09/13 12:18
L17	64	differ\$5 near5 (edge border boundary) with L11	US-PGPUB; USPAT	OR	ON	2007/09/13 12:18
L18	17	("5131057"   "5218350"   "5293579"   "5396584"   "5657430"   "5771107"   "5818953"   "5844614").PN. OR ("6608942").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/09/13 12:18

## EAST Search History

L19	22	("5085506"   "5264943"   "5293539"   "5297217"   "5430472"   "5557689"   "5640466"   "5687253"   "5687254"   "5701365"   "5719970"   "5732162"   "5737455"   "5760925"   "5764383"   "5805724"   "5929892"   "6069707").PN. OR ("6529643").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/09/13 12:18
L20	0	(edge border boundary) with L4	US-PGPUB; USPAT; USOCR	OR	ON	2007/09/13 12:18
L21	0	(differ\$5 with (pixel adj1 value)) and L4	US-PGPUB; USPAT; USOCR	OR	ON	2007/09/13 12:18
L22	0	(insert\$3 modif\$4 chang\$3) with ((page adj1 description adj2 langauge) (PDL)) with (anti\$1alias\$4)	US-PGPUB; USPAT	OR	ON	2007/09/13 12:18
L23	5	(edge border boundary) and L4	US-PGPUB; USPAT; USOCR	OR	ON	2007/09/13 12:18
L24	7	L12 and (background with (foreground object)) and (region)	US-PGPUB; USPAT	OR	ON	2007/09/13 12:18
L25	1	(US-6020979-\$).did.	USPAT	OR	ON	2007/09/13 12:18
L26	1	L25 and (region)	USPAT	OR	ON	2007/09/13 12:18
L27	1	L25 and (background)	USPAT	OR	ON	2007/09/13 12:18
L28	1	(differ\$5 near4 (edge border boundary)) and L4	US-PGPUB; USPAT; USOCR	OR	ON	2007/09/13 12:18
L29	7	L12 and (background with (foreground object)) and (region)	US-PGPUB; USPAT	OR	ON	2007/09/13 12:18
L30	0	("09219705").ap.	US-PGPUB; USPAT	OR	ON	2007/09/13 12:18
L31	10	L13 and (max\$5 min\$5 medium)	US-PGPUB; USPAT	OR	ON	2007/09/13 12:18
L32	4	L13 and (count\$4)	US-PGPUB; USPAT	OR	ON	2007/09/13 12:18
L33	1016	(insert\$3 modif\$4 chang\$3) with ((page adj1 description adj2 langauge) (PDL))	US-PGPUB; USPAT	OR	ON	2007/09/13 12:18
L34	2	L13 and (resolution with multiple)	US-PGPUB; USPAT	OR	ON	2007/09/13 12:18
L35	5	L13 and ((page adj1 description adj2 langauge) (PDL))	US-PGPUB; USPAT	OR	ON	2007/09/13 12:18
L36	3	(insert\$3 modif\$4 chang\$3) with ((page adj1 description adj2 langauge) (PDL)) and (anti\$1alias\$4)	US-PGPUB; USPAT	OR	ON	2007/09/13 12:18
L37	17	("5131057"   "5218350"   "5293579"   "5396584"   "5657430"   "5771107"   "5818953"   "5844614").PN. OR ("6608942").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/09/13 12:18

## EAST Search History

L38	186	((robert near1 loce) (jon near1 mcelvain)).in.	US-PGPUB; USPAT	OR	ON	2007/09/13 12:18
L39	16	L38 and (anti\$1alias\$4).clm.	US-PGPUB; USPAT	OR	ON	2007/09/13 12:18
L40	0	(insert\$3 modif\$4 chang\$3) with ((page adj1 description adj2 langauge) (PDL)) same (anti\$1alias\$4)	US-PGPUB; USPAT	OR	ON	2007/09/13 13:14
L41	19	(anti\$1alias\$4 alias\$4) with (PDL (page adj1 description adj2 language))	US-PGPUB; USPAT	OR	ON	2007/09/13 12:18
L42	1	("5,402,530").PN.	US-PGPUB; USPAT	OR	OFF	2007/09/13 12:18
L43	3	(US-6020979-\$ or US-6243499-\$ or US-5555360-\$).did.	USPAT	OR	ON	2007/09/13 12:18
L44	7	((("6608942") or ("5185852") or ("20020110274") or ("5697712") or ("7166067") or ("6757449") or ("6167166")).PN.	US-PGPUB; USPAT	OR	OFF	2007/09/13 12:18
L45	186	((robert near1 loce) or (jon near1 mcelvain)).in.	US-PGPUB; USPAT	OR	ON	2007/09/13 12:36
L46	8	(xero).as.	US-PGPUB; USPAT	OR	ON	2007/09/13 12:36
L47	25591	(xerox).as.	US-PGPUB; USPAT	OR	ON	2007/09/13 12:37
L48	1	(L45 or L47) and ((anti\$1alias\$4) and (logical adj1 filter\$3) and (averag\$3 adj1 filter\$3)).clm.	US-PGPUB; USPAT	OR	ON	2007/09/13 12:38
L49	1	((anti\$1alias\$4) and (logical adj1 filter\$3) and (averag\$3 adj1 filter\$3))	US-PGPUB; USPAT	OR	ON	2007/09/13 13:12
L50	9899	anti\$1alias\$4	US-PGPUB; USPAT	OR	ON	2007/09/13 12:38
L51	112	anti\$1alias\$4 and (logic near1 filter\$3)	US-PGPUB; USPAT	OR	ON	2007/09/13 12:42
L52	5277	(358/1.9).CCLS.	US-PGPUB; USPAT	OR	OFF	2007/09/13 12:42
L53	233	(382/269).CCLS.	US-PGPUB; USPAT	OR	OFF	2007/09/13 12:42
L54	112	(382/256).CCLS.	US-PGPUB; USPAT	OR	OFF	2007/09/13 12:42
L55	1013	(382/260).CCLS.	US-PGPUB; USPAT	OR	OFF	2007/09/13 12:43
L56	856	(382/266).CCLS.	US-PGPUB; USPAT	OR	OFF	2007/09/13 12:43
L57	269	L10 and L11	US-PGPUB; USPAT	OR	ON	2007/09/13 12:44
L58	16	L10 with L11	US-PGPUB; USPAT	OR	ON	2007/09/13 12:44

## EAST Search History

L59	16	(US-20050195317-\$ or US-20020097419-\$ or US-20020097418-\$ or US-20020097417-\$ or US-20020097416-\$ or US-20020097415-\$ or US-20020097433-\$ or US-20020097408-\$ or US-20060133690-\$ or US-20020076121-\$ or US-20020099884-\$).did. or (US-5831627-\$ or US-6577351-\$ or US-6574364-\$ or US-7266250-\$ or US-5737455-\$).did.	US-PGPUB; USPAT	OR	ON	2007/09/13 12:44
L60	21	L57 and L52	US-PGPUB; USPAT	OR	ON	2007/09/13 12:45
L61	21	(US-20040051883-\$ or US-20050219572-\$ or US-20040046980-\$ or US-20040042024-\$ or US-20050105138-\$ or US-20040042054-\$).did. or (US-7025434-\$ or US-7193743-\$ or US-7218415-\$ or US-7092125-\$ or US-7079286-\$ or US-6912067-\$ or US-6687022-\$ or US-6665094-\$ or US-6654144-\$ or US-6512596-\$ or US-5956470-\$ or US-7215443-\$ or US-7072076-\$ or US-7130480-\$ or US-6738526-\$).did.	US-PGPUB; USPAT	OR	ON	2007/09/13 12:45
L62	3	L57 and L53	US-PGPUB; USPAT	OR	ON	2007/09/13 12:45
L63	3	(US-20060133690-\$).did. or (US-5956470-\$ or US-7266250-\$).did.	US-PGPUB; USPAT	OR	ON	2007/09/13 12:45
L64	0	L57 and L54	US-PGPUB; USPAT	OR	ON	2007/09/13 12:45
L65	6	L57 and L55	US-PGPUB; USPAT	OR	ON	2007/09/13 12:45
L66	6	(US-20050036704-\$ or US-20040151398-\$).did. or (US-5956470-\$ or US-7130480-\$ or US-6738526-\$ or US-6360023-\$).did.	US-PGPUB; USPAT	OR	ON	2007/09/13 12:45
L67	2	L57 and L56	US-PGPUB; USPAT	OR	ON	2007/09/13 12:45
L68	2	(US-6360023-\$ or US-5737455-\$).did.	USPAT	OR	ON	2007/09/13 12:59
L70	18	(logical near1 filter\$3) and (averag\$3 near1 filter\$3)	US-PGPUB; USPAT	OR	ON	2007/09/13 13:13

## EAST Search History

L71	18	(US-20060126932-\$ or US-20050157781-\$ or US-20050157780-\$ or US-20040257620-\$ or US-20040232951-\$ or US-20030197565-\$ or US-20030001174-\$ or US-20010039804-\$ or US-20010024142-\$).did. or (US-7176721-\$ or US-6803828-\$ or US-6581393-\$ or US-6580328-\$ or US-6282909-\$ or US-6211742-\$ or US-5936676-\$ or US-5774522-\$ or US-4743959-\$).did.	US-PGPUB; USPAT	OR	ON	2007/09/13 13:12
L72	35	(order\$1statistic\$3 near1 filter\$3)	US-PGPUB; USPAT	OR	ON	2007/09/13 13:13
L73	35	(US-20070126928-\$ or US-20060291557-\$ or US-20060239550-\$ or US-20060112156-\$ or US-20050273617-\$ or US-20050197590-\$ or US-20050060358-\$ or US-20050022004-\$ or US-20050021313-\$ or US-20040257620-\$ or US-20040213415-\$ or US-20030187621-\$ or US-20020196976-\$ or US-20020073126-\$). did. or (US-7266244-\$ or US-7260593-\$ or US-7188053-\$ or US-7152053-\$ or US-7072928-\$ or US-7072921-\$ or US-7034272-\$ or US-6996273-\$ or US-6904390-\$ or US-6865566-\$ or US-6768969-\$ or US-6549804-\$ or US-6389163-\$ or US-6298151-\$ or US-6157736-\$ or US-5995868-\$ or US-5673024-\$ or US-5579445-\$ or US-5471878-\$ or US-5355890-\$ or US-5224484-\$).did.	US-PGPUB; USPAT	OR	ON	2007/09/13 13:13
L74	0	(anti\$1alaising) and (unsaturated near2 (image or object or pixel))	US-PGPUB; USPAT	OR	ON	2007/09/13 13:15
L75	0	(anti\$1alais\$3) and (unsaturated near2 (image or object or pixel))	US-PGPUB; USPAT	OR	ON	2007/09/13 13:15
L76	0	(anti\$1alais\$3) and (un\$1saturated near2 (image or object or pixel))	US-PGPUB; USPAT	OR	ON	2007/09/13 13:15
L77	0	(anti\$1alais\$3) and (un\$1saturat\$3 near2 (image or object or pixel))	US-PGPUB; USPAT	OR	ON	2007/09/13 13:15
L78	451	un\$1saturat\$3 near2 (image or object or pixel)	US-PGPUB; USPAT	OR	ON	2007/09/13 13:15
L79	0	L78 and 358/2.1.ccls.	US-PGPUB; USPAT	OR	ON	2007/09/13 13:16
L80	4	L78 and L52	US-PGPUB; USPAT	OR	ON	2007/09/13 13:16
L81	0	L78 and L53	US-PGPUB; USPAT	OR	ON	2007/09/13 13:16
L82	0	L78 and L54	US-PGPUB; USPAT	OR	ON	2007/09/13 13:16

## EAST Search History

L83	0	L78 and L55	US-PGPUB; USPAT	OR	ON	2007/09/13 13:16
L84	0	L78 and L56	US-PGPUB; USPAT	OR	ON	2007/09/13 13:16
S1	166	((robert near1 loce) (jon near1 mcelvain)). in.	US-PGPUB; USPAT	OR	ON	2007/03/05 17:19
S2	540	(358/2.1).CCLS.	US-PGPUB; USPAT	OR	OFF	2007/03/05 17:31
S3	1	("20040257620").PN.	US-PGPUB; USPAT	OR	OFF	2007/03/06 12:28
S4	5	((("6020979") or ("6137918") or ("6144461") or ("6167166") or ("6243499")).PN.	US-PGPUB; USPAT	OR	OFF	2007/03/06 13:38
S5	1	(anti\$1alias\$4) with (logical adj1 filter\$3) with (averag\$3 adj1 filter\$3)	US-PGPUB; USPAT	OR	ON	2007/03/06 12:30
S6	1	(anti\$1alias\$4) same (logical adj1 filter\$3) same(averag\$3 adj1 filter\$3)	US-PGPUB; USPAT	OR	ON	2007/03/06 12:30
S7	1	(anti\$1alias\$4) with (logic\$3 adj1 filter\$3) with (averag\$3 adj1 filter\$3)	US-PGPUB; USPAT	OR	ON	2007/03/06 12:31
S8	1	(anti\$1alias\$4) same (logic\$3 adj1 filter\$3) same (averag\$3 adj1 filter\$3)	US-PGPUB; USPAT	OR	ON	2007/03/06 12:31
S9	4	(anti\$1alias\$4) and (logic\$3 adj1 filter\$3) and (averag\$3 adj1 filter\$3)	US-PGPUB; USPAT	OR	ON	2007/03/06 12:33
S10	9235	anti\$1alias\$4	US-PGPUB; USPAT	OR	ON	2007/03/06 12:33
S11	4861	differ\$6 with background with (object foreground content)	US-PGPUB; USPAT	OR	ON	2007/03/06 12:34
S12	15	S10 with S11	US-PGPUB; USPAT	OR	ON	2007/03/06 12:35
S13	1	S4 and (super\$1resolution)	US-PGPUB; USPAT	OR	ON	2007/03/06 12:42
S14	60	differ\$5 near5 (edge border boundary) with S10	US-PGPUB; USPAT	OR	ON	2007/03/06 13:39
S15	17	("5131057"   "5218350"   "5293579"   "5396584"   "5657430"   "5771107"   "5818953"   "5844614").PN. OR ("6608942").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/03/06 13:45
S16	22	("5085506"   "5264943"   "5293539"   "5297217"   "5430472"   "5557689"   "5640466"   "5687253"   "5687254"   "5701365"   "5719970"   "5732162"   "5737455"   "5760925"   "5764383"   "5805724"   "5929892"   "6069707").PN. OR ("6529643").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/03/06 13:52
S17	0	(edge border boundary) with S4	US-PGPUB; USPAT; USOCR	OR	ON	2007/03/06 13:53

## EAST Search History

S18	0	(differ\$5 with (pixel adj1 value)) and S4	US-PGPUB; USPAT; USOCR	OR	ON	2007/03/06 13:53
S19	5	(edge border boundary) and S4	US-PGPUB; USPAT; USOCR	OR	ON	2007/03/06 13:53
S20	1	(differ\$5 near4 (edge border boundary)) and S4	US-PGPUB; USPAT; USOCR	OR	ON	2007/03/06 13:54
S21	1	(US-6020979-\$).did.	USPAT	OR	ON	2007/03/06 18:16
S22	1	S21 and (region)	USPAT	OR	ON	2007/03/06 18:07
S23	1	S21 and (background)	USPAT	OR	ON	2007/03/06 18:07
S24	10	(US-20040257620-\$ or US-20020110274-\$).did. or (US-5737455-\$ or US-5185852-\$ or US-6608942-\$ or US-6144461-\$ or US-6020979-\$ or US-6243499-\$ or US-6167166-\$ or US-6137918-\$).did.	US-PGPUB; USPAT	OR	ON	2007/03/06 19:10
S25	6	S12 and (background with (foreground object)) and (region)	US-PGPUB; USPAT	OR	ON	2007/03/06 18:09
S26	6	S12 and (background with (foreground object)) and (region)	US-PGPUB; USPAT	OR	ON	2007/03/06 18:09
S27	0	("09219705").ap.	US-PGPUB; USPAT	OR	ON	2007/03/06 18:32
S28	1	("6356654").PN.	US-PGPUB; USPAT	OR	OFF	2007/03/06 18:32
S29	0	S24 and ((max\$5 min\$5 medium) near2 (fitter\$3))	US-PGPUB; USPAT	OR	ON	2007/03/06 19:11
S30	10	S24 and (max\$5 min\$5 medium)	US-PGPUB; USPAT	OR	ON	2007/03/06 19:16
S31	4	S24 and (count\$4)	US-PGPUB; USPAT	OR	ON	2007/03/06 19:34
S32	2	S24 and (resolution with multiple)	US-PGPUB; USPAT	OR	ON	2007/03/06 19:48
S33	5	S24 and ((page adj1 description adj2 langauge) (PDL))	US-PGPUB; USPAT	OR	ON	2007/03/06 19:57
S34	929	(insert\$3 modif\$4 chang\$3) with ((page adj1 description adj2 langauge) (PDL))	US-PGPUB; USPAT	OR	ON	2007/03/06 19:58
S35	0	(insert\$3 modif\$4 chang\$3) with ((page adj1 description adj2 langauge) (PDL)) with (anti\$1alias\$4)	US-PGPUB; USPAT	OR	ON	2007/03/06 19:58
S36	0	(insert\$3 modif\$4 chang\$3) with ((page adj1 description adj2 langauge) (PDL)) same (anti\$1alias\$4)	US-PGPUB; USPAT	OR	ON	2007/03/06 19:59
S37	3	(insert\$3 modif\$4 chang\$3) with ((page adj1 description adj2 langauge) (PDL)) and (anti\$1alias\$4)	US-PGPUB; USPAT	OR	ON	2007/03/06 20:01

## EAST Search History

S38	1	("5,402,530").PN.	US-PGPUB; USPAT	OR	OFF	2007/03/06 20:02
S39	18	(anti\$1alias\$4 alias\$4) with (PDL (page adj1 description adj2 language))	US-PGPUB; USPAT	OR	ON	2007/03/06 20:03
S40	17	("5131057"   "5218350"   "5293579"   "5396584"   "5657430"   "5771107"   "5818953"   "5844614").PN. OR ("6608942").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/03/06 21:28
S41	166	((robert.near1 loce) (jon near1 mcelvain)). in.	US-PGPUB; USPAT	OR	ON	2007/03/06 21:29
S42	14	S41 and (anti\$1alias\$4).clm.	US-PGPUB; USPAT	OR	ON	2007/03/06 21:30
S43	3	(US-6020979-\$ or US-6243499-\$ or US-5555360-\$).did.	USPAT	OR	ON	2007/03/06 21:35
S44	7	((("6608942") or ("5185852") or ("20020110274") or ("5697712") or ("7166067") or ("6757449") or ("6167166")).PN.	US-PGPUB; USPAT	OR	OFF	2007/03/06 21:35